

#5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/837,711

DATE: 07/18/2001

TIME: 11:59:21

Input Set : N:\CrF3\RULE60\09837711.txt

Output Set: N:\CRF3\07182001\I837711.raw

SEQUENCE LISTING

ENTERED

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Withers, Stephen G.

3 MacKenzie, Lloyd

4 Wang, Qingping

5 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR SYNTHESIS

6 OF OLIGOSACCHARIDES AND THE PRODUCTS FORMED THEREBY

7 (iii) NUMBER OF SEQUENCES: 1

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: OPPEDAHL & LARSON

10 (B) STREET: 1992 Commerce Street Suite 309

11 (C) CITY: Yorktown Heights

12 (D) STATE: NY

13 (E) COUNTRY: US

14 (F) ZIP: 10598

15 (v) COMPUTER READABLE FORM:

16 (A) MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage

17 (B) COMPUTER: IBM Compatible

18 (C) OPERATING SYSTEM: MS DOS 6

19 (D) SOFTWARE: Word Perfect 6.1

20 (vi) CURRENT APPLICATION DATA:

C--> 21 (A) APPLICATION NUMBER: US/09/837,711

C--> 22 (B) FILING DATE: 17-Apr-2001

23 (C) CLASSIFICATION:

24 (vii) PRIOR APPLICATION DATA:

25 (A) APPLICATION NUMBER: 09/091,272

26 (B) FILING DATE:

27 (viii) ATTORNEY/AGENT INFORMATION:

28 (A) NAME: Larson, Marina T.

29 (B) REGISTRATION NUMBER: 32,038

30 (C) REFERENCE/DOCKET NUMBER: UBC.P-005-US

31 (ix) TELECOMMUNICATION INFORMATION:

32 (A) TELEPHONE: (914)245-3252

33 (B) TELEFAX: (914) 962-4330

34 (C) TELEX:

36 (2) INFORMATION FOR SEQ ID NO: 1:

37 (i) SEQUENCE CHARACTERISTICS:

38 (A) LENGTH: 24

39 (B) TYPE: nucleic acid

40 (C) STRANDEDNESS: single

41 (D) TOPOLOGY: linear

42 (ii) MOLECULE TYPE: other DNA

43 (iii) HYPOTHETICAL: no

44 (iv) ANTI-SENSE: no

45 (v) FRAGMENT TYPE: internal

46 (ix) FEATURE:

47 (A) NAME/KEY:

RAW SEQUENCE LISTING

DATE: 07/18/2001

PATENT APPLICATION: US/09/837,711

TIME: 11:59:21

Input Set : N:\Crf3\RULE60\09837711.txt

Output Set: N:\CRF3\07182001\I837711.raw

48 (B) LOCATION:
49 (C) IDENTIFICATION METHOD:
50 (D) OTHER INFORMATION: primer for site directed mutagenesis to
51 produce E358A mutant of Agrobacterium beta-glucosidase
52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
55 TACATCACCG CAAACGGCGC CTGC 24

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/837,711

DATE: 07/18/2001

TIME: 11:59:22

Input Set : N:\Crf3\RULE60\09837711.txt

Output Set: N:\CRF3\07182001\I837711.raw

L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]